



### Main

Circuit breaker application	Distribution
Range of product	C60
Device short name	C60N
Poles description	2P
Number of protected poles	2
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Suitability for isolation	Yes IEC 60947-2

### Complementary

[In] rated current	6 A 30 °C
Network frequency	50/60 Hz
[Ue] rated operational voltage	12...440 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Breaking capacity	6 kA Icu IEC 60947-2 440 V AC 50/60 Hz 6 kA Icn EN 60898 230/400 V AC 50/60 Hz 10 kA Icu IEC 60947-2 400...415 V AC 50/60 Hz 20 kA Icu IEC 60947-2 230...240 V AC 50/60 Hz 20 kA Icu IEC 60947-2 125 V DC 2P 30 kA Icu IEC 60947-2 125 V DC 3P 40 kA Icu IEC 60947-2 250 V DC 4P
[Ics] rated service breaking capacity	2,25 kA IEC 60947-2 440 V AC 50/60 Hz 3,75 kA IEC 60947-2 400...415 V AC 50/60 Hz 6 kA EN 60898 230/400 V AC 50/60 Hz 7,5 kA IEC 60947-2 230...240 V AC 50/60 Hz
Limitation class	3 IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	NO
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0,24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals 16 mm <sup>2</sup> flexible Tunnel type terminals 25 mm <sup>2</sup> rigid
Tightening torque	2 N.m upside power circuit 2 N.m downside
Earth-leakage protection	Separate block
Product compatibility	C60 accessories C60 auxiliary

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## Environment

Standards	EN 60898 IEC 60947-2
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C
RoHS EUR conformity date	0643
RoHS EUR status	Compliant